

# Solition Powerbooster

## Technical data sheet

### Applications



Commercial and industrial applications



Agriculture



Hotels



E-mobility

### Technical characteristics and data

Type	Feed-through	Feed-in
<b>Converter</b>		
Nominal power	30kW	
Peak power	105%~115% 10min 115%~125% 1min 125%~150% 200ms	
AC connection	400Vac ±10%, + N + PE	
Grid frequency	50Hz (49.5Hz – 50.5Hz)	
Cos. Phi	+/- 0.8 - 1	
Cooling	Forced air cooling	
Reaction speed	from stand-by to full power: <200ms from 100% charge to 100% discharge: 80ms from 100% discharge to 100% charge: 80ms	
CEC efficiency	96.5%	
Maximum efficiency	97.3%	
Noise	<65dB	
Security	min./max. AC voltage, frequency, battery voltage, max. power, temperature	

<b>Batteries</b>		
Storage capacity	33kWh	
Technology	Li-Ion NMC	
Battery modules	13x 19" modules, each 2U high	
Cooling	optional 1x dual fan-unit with automatic control	

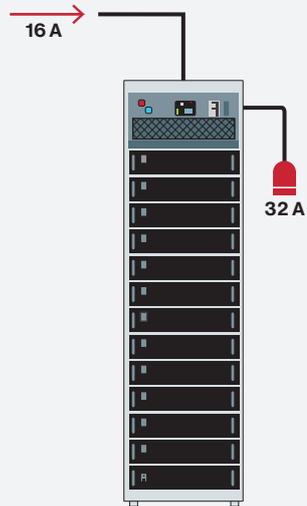
<b>Installation and construction</b>		
Installation	Serial system, loads connected directly to the Powerbooster with 2x five-pin CEE plug. Peak power meter integrated inside the system	Parallel system, loads not connected to the Powerbooster but elsewhere within the internal grid. Peak power meter outside the system
Construction	Free-standing 19" cabinet with perforated door, side and back panel(s)	Free-standing 19" cabinet with perforated door, side and back panel(s)
Dimensions	600mm x 700mm x 1800mm (WxDxH)	
Weight	approx. 540kg	approx. 530kg
Color	RAL 9160	

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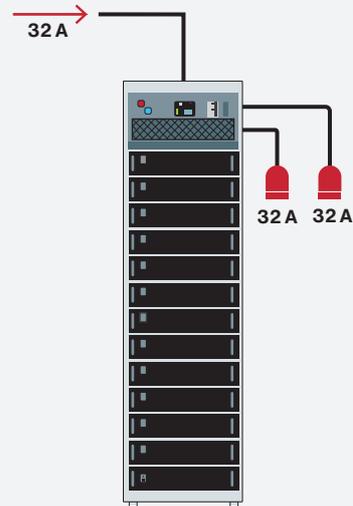
Technical data sheet

## Feed-through

Upgrade existing outlets



Multiply outlets



## Feed-in

Boost supply inline

